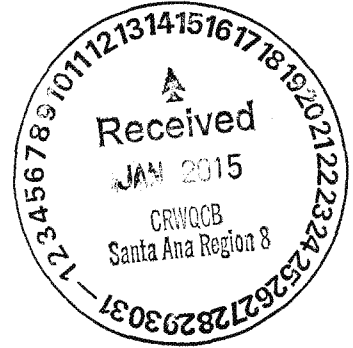


**ANNUAL REPORT**  
**Regional Water Quality Control Board**  
**Santa Ana Region**  
**(Order No. R8-2013-0001, NPDES No. CAG018001)**



Reporting Period: **January 1, 2014 through December 31, 2014**  
 Report Due Date: **January 15, 2015**

<b>FACILITY INFORMATION</b> (Please make any corrections directly on this form)		
CAFO Operator's Name	Dickie Vander Meulen	
CAFO Facility Name	TIVA Dairy	
Facility Address	<b>Ex. 6 Personal Privacy (PP)</b>	
Mailing Address		
Telephone Number		

<b>ANIMAL POPULATION</b> (Please provide the number of animals in each category)			
Milking Cows	Dry Cows	Heifers	Calves
<u>1100</u>	<u>355</u>	<u>0</u>	<u>0</u>
Others (specify type and number) <u>0</u>			

<b>MANURE INFORMATION</b>		Units Used : Tons _____ Cubic Yards _____
Manure Produced	<u>5965.5</u>	Manure Spread on Cropland at Facility <u>0</u>
Manure Spread on Other Cropland	<u>0</u>	
Manure Stockpiled on Site as of 12/31/14	<u>0</u>	
Manure Hauled Away (Also provide Manure Tracking Manifests, Form 4)	<u>7242.0</u>	
Was Manure Amount Calculated Using the Following Factors?	Yes <u>X</u>	No _____
1 Milking cow produces approximately 4.1 tons of manure per year 1 Dry cow produces approximately 4.1 tons of manure per year 1 Heifer produces approximately 1.5 tons of manure per year 1 Calf produces approximately 0.6 tons of manure per year		
*1 ton of corral manure equals 2.32 cubic yards and 1 cubic yard of corral manure equals 0.43 tons		

LOGGED

1-15-15

ENTER DAIRY DB

1-20-15

Scanned into file

**NUTRIENT MANAGEMENT PLAN (NMP) AND NUTRIENT ANALYSIS**NMP is Certified Yes X No \_\_\_\_\_

Has the most current nutrient analysis been provided to the recipient of the manure?

Yes X No \_\_\_\_\_**CROP GROWING ACTIVITY**

Number of cropland acres where manure has been applied (Cropland is contiguous to the dairy, where manure was applied and a crop was harvested).

Cropland acres: 0 No. of plantings per year: One \_\_\_\_ Two \_\_\_\_ Three \_\_\_\_

Type of crops grown:

Sudan grass \_\_\_\_\_ Alfalfa \_\_\_\_\_ Winter wheat \_\_\_\_\_

Barley \_\_\_\_\_ Bermuda grass \_\_\_\_\_ corn \_\_\_\_\_ Oats \_\_\_\_\_ Turf Grass \_\_\_\_\_

Vegetables \_\_\_\_\_ Others \_\_\_\_\_

Actual crop yields \_\_\_\_\_

Manure application rates \_\_\_\_\_

Amount of manure spread on each field \_\_\_\_\_

Number of Milkings per day (Dairies only): One \_\_\_\_ Two X Three \_\_\_\_**COMMENTS:****CERTIFICATION:**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of person making this report (please print): Imogene TroostSignature: Imogene TroostDate: 1/7/15Title: Secretary

**Form 2. Summary Report of Weekly Storm Water Management Structure Inspections**  
**(Order No. R8-2013-0001, NPDES No. CAG018001)**

**Reporting Period:** January 1, 2014 through December 31, 2014

<b>Facility Information</b> (Please make corrections directly on this form)	
Operator's Name	Dickie Vander Meulen
Facility Name	TIVA Dairy
Facility Address	<b>Ex. 6 Personal Privacy (PP)</b>

Was the CAFO Weekly Storm Water Management Structure Inspections Log Sheet completed for the entire year? Yes ☒ No ☐  
 If **No**, please explain why the log sheet was not completed for the entire year.

Were water lines inspected daily? Yes ☒ No ☐  
 Were there any discharges from the facility during the year? Yes ☐ No ☒

If **Yes**, please provide: the date of discharge, how it was discovered (was it during a routine site inspection?), how long did the discharge last, and how it was stopped.

Date of incident	How was it discovered?	How long did it last and volume	How was it stopped?
	<i>none to report</i>		

**Certification:**

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

Name of person making this report (please print): Imogene Troost  
 Title: Secretary  
 Signature: Imogene Troost  
 Date: 1/7/15

**Form 1. CAFO Weekly Storm Water Management Structure Inspections Log Sheet**  
**(Order No. R8-2013-0001, NPDES No. CAG018001)**

**Reporting Period:**     **January 1, 2014 through December 31, 2014**

<b>Facility Information</b> (Please make corrections directly on this form)	
Operator's Name:	Dickie Vander Meulen
Facility Name:	TIVA Dairy
Facility Address:	<b>Ex. 6 Personal Privacy (PP)</b>

Instructions: Use this form to keep track of weekly visual inspections of your process wastewater and storm water containment structures. Document the findings of daily storm event inspections. List the structure items that need to be inspected below (refer to your Engineered Waste Management Plan).

<i>none to report</i>	

Keep track of your inspections in the following table by completing one row each week when you inspect your process wastewater and storm water containment structures. Provide the following information: date of inspection, initials of the person performing the inspection, check "OK" box if no problems were found, use the "Notes" column to describe problems, if you find any, and how they were fixed, record the estimate of the wastewater containment pond(s) freeboard, fill in the "Date Corrected" column with the date when you correct the problem.

**Manure Tracking Manifest**  
Santa Ana Regional Water Quality Control Board

**Instructions**

- 1) Complete one manifest for each hauling event, for each destination. A hauling event may last for several days, as long as the manure is being hauled to the same destination.
- 2) If there are multiple destinations, complete a separate form for each destination.
- 3) The **operator** must obtain the signature of the hauler upon completion of each manure hauling event.
- 4) The **operator** shall submit manure tracking manifest(s) with the Annual Report of Animal Waste Discharge to the Santa Ana Regional Water Quality Control Board.

**Operator Information**

Name of the Operator: Dickie Vander Meulen

Name of Facility: Tiva Dairy

Facility Address: Ex. 6 Personal Privacy (PP)

Mailing Address: same

Phone Number:

**Manure Hauler Information**

Name of Hauling Company and Contact Person:

D. J. ARIAS TRUCKING

JOE ARIAS

Phone Number:

909-762-7796

**Destination Information**

Hauled To (please check one):



Composting Facility



Regional Digester



Riverside County



San Bernardino County



Other County: \_\_\_\_\_

Dates Hauled:

11/18/14

Please give the name and location of the composting operation, or, if the manure was hauled to cropland, the owner or tenant, and the destination address, or nearest cross streets.

Ke Hogg

Please enter the amount in the box below and circle the appropriate units:

Amount Removed from Facility:

Amount Composted:

Amount to Digester:

875

Tons or Cubic Yards

Tons or Cubic Yards

Tons or Cubic Yards

**Certification**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Operator's Signature: Dickie Vander Meulen

Date: 11/18/14

Hauler's Signature: Joe Arias

Date: 11/18/14

Last Revised 12/04

**Manure Tracking Manifest**  
Santa Ana Regional Water Quality Control Board

**Instructions**

- 1) Complete one manifest for each hauling event, for each destination. A hauling event may last for several days, as long as the manure is being hauled to the same destination.
- 2) If there are multiple destinations, complete a separate form for each destination.
- 3) The operator must obtain the signature of the hauler upon completion of each manure hauling event.
- 4) The operator shall submit manure tracking manifest(s) with the Annual Report of Animal Waste Discharge to the Santa Ana Regional Water Quality Control Board.

**Operator Information**

Name of the Operator: Dickie Vander Meulen

Name of Facility: Tiva Dairy

Facility Address: Ex. 6 Personal Privacy (PP)

Mailing Address: same

Phone Number:

**Manure Hauler Information**

Name of Hauling Company and Contact Person: \_\_\_\_\_ Phone Number: \_\_\_\_\_

**Ex. 6 Personal Privacy (PP)**

Hauled To (please check one):

- ☒ Composting Facility
- ☐ Regional Digester
- ☐ Riverside County
- ☐ San Bernardino County
- ☐ Other County: \_\_\_\_\_

Dates Hauled:

6-12 - 7-1

Please give the name and location of the composting operation, or, if the manure was hauled to cropland, the owner or tenant, and the destination address, or nearest cross streets.

Kellogg Garden Prod.

Please enter the amount in the box below and circle the appropriate units:

Amount Removed from Facility:

Amount Composted:

Amount to Digester:

5625

Tons or Cubic Yards

5625

Tons or Cubic Yards

Tons or Cubic Yards

**Certification**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Operator's Signature: Dickie Vander Meulen

Date: 1-7-15

Hauler's Signature: Joe Allen

Date: 7-1-14

Last Revised 12/04

**Manure Tracking Manifest**  
Santa Ana Regional Water Quality Control Board

**Instructions**

- 1) Complete one manifest for each hauling event, for each destination. A hauling event may last for several days, as long as the manure is being hauled to the same destination.
- 2) If there are multiple destinations, complete a separate form for each destination.
- 3) The **operator** must obtain the signature of the hauler upon completion of each manure hauling event.
- 4) The **operator** shall submit manure tracking manifest(s) with the Annual Report of Animal Waste Discharge to the Santa Ana Regional Water Quality Control Board.

**Operator Information**

Name of the Operator: Dickie Vander Meulen

Name of Facility: Tiva Dairy

Facility Address: Ex. 6 Personal Privacy (PP)

Mailing Address: same

Phone Number:

**Manure Hauler Information**

Name of Hauling Company and Contact Person:

P. J. ANIAS & SON'S JOE ANIAS

Phone Number:

909-8762-7396

**Destination Information**

Hauled To (please check one):



Composting Facility



Regional Digester



Riverside County



San Bernardino County



Other County: \_\_\_\_\_

Dates Hauled:

4/29/14

Please give the name and location of the composting operation, or, if the manure was hauled to cropland, the owner or tenant, and the destination address, or nearest cross streets.

Kellogg Fertilizer  
ONE

Please enter the amount in the box below and circle the appropriate units:

Amount Removed from Facility:

Amount Composted:

Amount to Digester:

4525

Tons or Cubic Yards

Tons or Cubic Yards

Tons or Cubic Yards

**Certification**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Operator's Signature: Dickie Vander Meulen

Date: 1-7-15

Hauler's Signature: Joe Anias

Date: 4/29/14

Last Revised 12/04

**Manure Tracking Manifest**  
Santa Ana Regional Water Quality Control Board

**Instructions**

- 1) Complete one manifest for each hauling event, for each destination. A hauling event may last for several days, as long as the manure is being hauled to the same destination.
- 2) If there are multiple destinations, complete a separate form for each destination.
- 3) The **operator** must obtain the signature of the hauler upon completion of each manure hauling event.
- 4) The **operator** shall submit manure tracking manifest(s) with the Annual Report of Animal Waste Discharge to the Santa Ana Regional Water Quality Control Board.

**Operator Information**

Name of the Operator: Dickie Vander Meulen

Name of Facility: Tiva Dairy

Facility Address: **Ex. 6 Personal Privacy (PP)**

Mailing Address: same

Phone Number:

**Manure Hauler Information**

Name of Hauling Company and Contact Person:

DJ Arias & Sons Trucking - Joe Arias

Phone Number:

909-762-7396

**Destination Information**

Hauled To (please check one):



Composting Facility



Regional Digester



Riverside County



San Bernardino County



Other County: \_\_\_\_\_

Dates Hauled:

11-14-14

Please give the name and location of the composting operation, or, if the manure was hauled to cropland, the owner or tenant, and the destination address, or nearest cross streets.

Kellogg barlow Road.

**Please enter the amount in the box below and circle the appropriate units:**

Amount Removed from Facility:

Amount Composted:

Amount to Digester:

2,900

Tons or Cubic Yards

Tons or Cubic Yards

2,900

Tons or Cubic Yards

**Certification**

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Operator's Signature:

Dickie Vander Meulen

Date:

1-7-15

Hauler's Signature:

Joe Arias

Date:

11-14-14

Last Revised 12/04



## Form 4.

Manure Tracking Manifest  
Regional Water Quality Control Board  
Santa Ana Region

Order No. R8-2013-0001, NPDES No. CAG018001

## INSTRUCTIONS:

1. Complete one manifest for each hauling event and for each destination. A hauling event may last for several days, as long as the manure is being hauled to the same destination.
2. If there are multiple destinations, complete a separate form for each destination.
3. The CAFO operator must obtain the signature of the hauler upon completion of each manure hauling event.
4. The CAFO operator shall submit manure tracking manifest(s) with the Annual Report to Regional Board.

## OPERATOR'S INFORMATION

CAFO Operator's Name Dickie Vander MeulenCAFO Facility Name Tiva Dairy

Facility Address

Ex. 6 Personal Privacy (PP)

Mailing Address

same

Telephone Number

## MANURE INFORMATION

Manure analyzed for nutrients

Yes ☒No ☐

Most current nutrient analysis of manure provided to the recipient of the manure

Yes ☒No ☐

## MANURE HAULER INFORMATION

Name and Address of Hauling Company

LUPE FRANCO TRUCKING  
2015 S PLUM AVE  
ONTARIO CA 91761  
(909) 732-1692

Phone Number:

909-732-1692

Contact Person Name:

## MANURE DESTINATION INFORMATION

Hauled to (please check):

- ☒ Composting Facility
- ☐ Regional Treatment Facility
- ☐ Croplands in Riverside County
- ☐ Croplands in San Bernardino County
- ☐ Croplands in other Counties

Amount removed: Tons or Cubic Yards  
(Please enter the amount in the box below and circle the appropriate units)1,240 tons

Dates Hauled:

2-17-14 ——— 2-19-14

Destination of Haul:

Kelloggs Composting FacilityGPS Coordinates of Destination<sup>2</sup>

Latitude:

Longitude:

Ex. 6 Personal Privacy (PP)

Destination Receiver of Manure:

same

Manure Quantity Delivered:

1,240 tons

Approximate Acreage (If Destination is Cropland)

Crop(s) Grown on Cropland

## CERTIFICATION:

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Operator's Signature:

Dickie Vander Meulen Date: 1-7-15

Hauler's Signature:

Lupe Franco Date: 2-28-14



# Soil & Plant Laboratory, Inc.

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www.soilandplantlaboratory.com

## SOIL ANALYSIS

Send To : Tiva Dairy Ex. 6 Personal Privacy (PP) Ontario CA 91762	Project : Tiva Dairy	Report No : 14-352-0010 Cust No : 06772 Date Printed : 12/22/2014 Date Received : 12/18/2014 Page : 1 of 2 Lab Number : 21655
--	-------------------------	--

Sample Id : Tiva Dairy #1

### SATURATION EXTRACT - PLANT SUITABILITY

Test	Result	Effect on Plant Growth				
		Negligible	Sensitive Crops Restricted	Many Crops Restricted	Only Tolerant Crops Satisfactory	Few Crops Survive
Salinity (ECe)	5.3 dS/m					
Sodium Adsorption Ratio (SAR) *	7.09					
Boron (B)						
Sodium (Na)	17.6 meq/L					
Chloride (Cl)						
Carbonate (CO3)						
Bicarbonate (HCO3)						
Fluoride (F)						

\* Structure and water infiltration of mineral soils potentially adversely affected at SAR values higher than 6.

Test	Result	Strongly Acidic	Moderately Acidic	Slightly Acidic	Neutral	Slightly Alkaline	Moderately Alkaline	Strongly Alkaline	Qualitative Lime
pH	8.9 s.u.								Low

### EXTRACTABLE NUTRIENTS

Test	Result	Sufficiency Factor	SOIL TEST RATINGS					NO3-N
			Very Low	Low	Medium	Optimum	Very High	
Available-N	43 ppm	0.2						6 ppm
Phosphorus (P) - Olsen	534 ppm	4.0						NH4-N
Potassium (K)	10490 ppm	15.9						
Potassium - sat. ext.	40.1 meq/L							37 ppm
Calcium (Ca)	1301 ppm	0.2						Total Exchangeable Cations (TEC)
Calcium - sat. ext.	6.1 meq/L							
Magnesium (Mg)	1084 ppm	1.4						339 meq/kg
Magnesium - sat. ext.	6.3 meq/L							
Copper (Cu)								
Zinc (Zn)								
Manganese (Mn)								
Iron (Fe)								
Boron (B) - sat. ext.								
Sulfate - sat. ext.								
Exch Aluminum								

Cu, Zn, Mn and Fe were analyzed by DTPA extract.

### PARTICLE SIZE ANALYSIS

Weight Percent of Sample Passing 2mm Screen									
Half Sat	Organic Matter	Gravel Coarse 5-12 Fine 2-5	Very Coarse 1-2	Sand Coarse 0.5-1	Med. to Very Fine 0.05-0.5	Silt 0.02-0.05	Clay 0-0.02	USDA Soil Classification	
111 %									

## Phone Location Ti

1) Enter Any Phone Number Free 2) Get Name, Loc

# GPS coordinates

## Latitude and longitude of an address

Fill the address field and click on "Get GPS Coordinates" to display its **latitude** and **longitude**. Read the result of the conversion on the left column or directly on the **map**.

## Find the address corresponding to GPS coordinates

**Option 1** : Fill the decimal GPS coordinates and click on the corresponding "Get Address" button.

**Option 2** : Fill the sexagesimal GPS coordinates and click on the corresponding "Get Address" button.

## Latitude, longitude and address of any point on the map

Click directly on the map to get an address and its GPS coordinates. Latitude and longitude are displayed on the left column and on the map.



### Address

Kellogg Garden Products, Ex. 6 Personal Privacy (PP) Ontario, CA 91762

Get GPS Coordinates

### DD (decimal degrees)\*

#### Latitude

Ex. 6 Personal Privacy (PP)

#### Longitude

Ex. 6 Personal Privacy (PP)

Get Address

DMS (degrees, minutes, secondes)\*

Latitude

Ex. 6 Personal Privacy (PP)

Get Address

\* World Geodetic System 84 (WGS 84)

Ex. 6 Personal Privacy (PP)

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Geolocation